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CALIFORNIA. DEPT. OF NATURAL  
RESOURCES. DIVISION OF MINES.

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BULLETIN.  
no.28

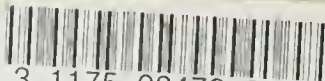
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## CALIFORNIA STATE

FERRY BUILDING,

LEWIS E. AUBURY, ST

## SHOWING BY COUNTIES THE MINERAL PRODUCTION

(COMPILED FROM DIRECT RETURNS)



COUNTIES.	METALLIC.										NON-METALLIC.								HYDROCARBONS AND OTHERS.	
	PRECIOUS METALS. AS PER RETURNS TO U. S. MINT AT SAN FRANCISCO.		COPPER.	QUICKSILVER.		MISCELLANEOUS. MINERAL PAINT, LEAD, MANGANESE, CHROME, AND PLATINUM.		BORAX AND BORIC ACID.		COAL.	MINERAL WATERS.		SALT.		MISCELLANEOUS. CHRYSOPHASE, FULLER'S EARTH, INFUSORIAL EARTH, GYPSUM, PY- RITES, TOURMALINE, LITHIA, MICA, SODA, MAGNESITE, MICA, TUR- QUOISE, AND GRAPHITE.				ASPHALTUM, BITUMINOUS ROCK, AND NATURAL GAS.	
	GOLD.	SILVER.																		
															Value.	Value.	Quantity.	Value.		
Alameda							Tons 87 Lbs. 1,500	Manganese. \$7,140 Lead, 52			67,850	\$203,550			80,000	\$160,000	Tons 100 Lbs. 14,323	Magnesite. \$500 Pyrites. 53,301		
Alpine	\$10,359	\$3,770																		
Amador	1,629,151	2,686	130,000	\$14,620							5,450	10,912								
Butte	916,782	2,219											14,000	\$1,500						
Calaveras	2,072,939	46,234	2,087,501	251,062			Tons 259	Mineral Paint. 778												
Colusa	850				(b) 605	\$26,100							142,305	79,698	18	396				
Contra Costa			31,700	3,645							13,960	31,160	31,200	8,736						
Del Norte	5,450																			
El Dorado	335,031	52	2,128	319																
Fresno	54,427	21,200	3,000,000	345,000									5,000	4,500						
Humboldt	60,015												10,000	2,500						
Inyo	74,397	14,484	1,100	126			Lbs. 257,500	Lead. 9,013	310	Refined Borax. \$36,394							Tons 7,000	Soda. 50,000		
Kern	1,165,982	99,135	235,840	27,122													Tons 987 Lbs. 1,000	Fullers Earth. 19,246 Gypsum. 8,000	Tons 10,150	Asphaltum. \$101,500
Kings																				
Lake					3,611	161,568							241,100	126,663						
Lassen	23,410	244																		
Los Angeles	7,209						Tons 100 Lbs. 14,400	Mineral Paint. 300 Lead, 504							90	180	Tons 60	Inf. Earth 360	Tons 16,767	Asphaltum. 171,904
Madera	35,128	3	18,600	2,139																
Marin															700	1,400				
Mariposa	631,478	3,880	104,700	11,940																
Mendocino													28,575	7,898						
Merced			14,400	1,656																
Mono	510,596	36,548					Lbs. 4,400	Lead. 154												
Monterey	6,860	18											15,000	1,750						
Napa					7,142	304,474							236,229	97,048			Tons 150	Magnesite. 450		



# MINING BUREAU,

SAN FRANCISCO.

RY, STATE MINERALOGIST.

## PRODUCTIONS OF CALIFORNIA FOR THE YEAR 1902.

(DIRECT RETURNS BY PRODUCERS.)

HYDROCARBONS AND GASES.				STRUCTURAL MATERIALS.												TOTAL PRODUCT OF COUNTIES.				
PETROLEUM.			BRICK AND POTTERY CLAYS, AND PORTLAND CEMENT.		SANDSTONE AND GRANITE.		LIMESTONE.				MACADAM.		RUBBLE AND PAVING BLOCKS.		MISCELLANEOUS. SERPENTINE, MARBLE, GLASS SAND, SLATE, AND SOAPSTONE.		1902.	COUNTIES.	1901.	
Value.	Bbls.	Value.	Quantity.	Value.	Cubic Feet.	Value.	Bbls.	Value.	Tons.	Value.	Tons.	Value.	Quantity.	Value.	Quantity.	Value.	Total Values.		Total Values.	
			M 10,000	Brick. \$60,000							212,563	\$182,295					\$666,838	Alameda	\$786,366	
			Tons 12,723	Pottery. 13,723												Cu. ft. 6,300	Marble. \$8,016	14,129	Alpine	27,747
			M 800	Brick. 5,000			400	\$750									1,679,113	Amador	1,888,191	
																	926,251	Butte	879,767	
					99,395	Sandstone. \$87,456											2,371,013	Calaveras	2,355,372	
			M 800	Brick. 11,600													194,500	Colusa	115,107	
																	55,141	Contra Costa	101,900	
																	5,450	Del Norte	10,612	
							24,599	16,176								Squares 4,000	Slate. 30,000	381,578	El Dorado	347,263
	(c) 571,233	\$199,931	M 6,000	Brick. 45,000													670,058	Fresno	480,696	
			M 2,170	Brick. 17,040													79,555	Humboldt	108,425	
																	184,414	Inyo	668,618	
Asphaltum. \$101,500	9,777,948	1,955,585	M 3,500	Brick. 24,500			99,360	80,856									3,481,926	Kern	2,423,918	
			M 3,500	Brick. 19,000													19,000	Kings	5,000	
																	288,231	Lake	331,684	
																	23,654	Lassen	6,100	
Asphaltum. 171,904	2,198,496	1,075,865	52,776 M 890 tons	Brick 335,670 Pottery 890	5,000	Granite. 3,500					12,400	26,000	(h) Tons 161,656	Rubble. \$75,547			1,697,932	Los Angeles	1,642,591	
			M 230	Brick. 1,840	105,845	Granite. 78,041							Tons 10,000	Rubble. 4,000			121,151	Madera	400,825	
			M 14,600	Brick. 97,700							2,150	2,150	Tons 147,300	Rubble. 105,350			206,600	Marin	128,227	
																	647,298	Mariposa	542,975	
			M 200	Brick. 2,000													9,898	Mendocino	10,720	
																	1,656	Merced	12,453	
							2,000	2,000									549,298	Mono	522	
							22,000	13,200			1,800	900	Tons 7,750	Rubble. 4,300	Tons 4,500	Glass Sand. 12,225	39,253	Monterey	50,169	
									(g) 7,086	\$8,496			Tons 400	Rubble. 500			410,968	Napa	516,388	





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MISCELLANEOUS TOTALS. HYDROCARBONS AND GASES.		
Asphaltum .....	34,511 tons	\$349,344
Bituminous Rock .....	33,490 tons	43,411
Natural Gas .....	120,968 M. cu. ft.	99,443
		<hr/> \$492,198

MISCELLANEOUS TOTALS.—STRUCTURAL MATERIALS.		
Glass Sand .....	4,500 tons	\$12,225
Marble .....	19,306 cu.ft.	37,616
Paving Blocks .....	3,502 M	112,437
Rubble (includes Concrete).	1,555,076 tons	830,981
Serpentine .....	512 cu.ft.	1,024
Slate .....	4,000 sqrs.	30,000
Soapstone .....	14 tons	288
		<u>\$1,028,612</u>

TOTALS.—POLAND CEMENT AND CLAYS FOR BRICE, POTTERY, ETC.		
Brick (Common, Pressed, and Fire).....	169,651 M.	\$1,306,215
Cement (Portland).....	171,000 bbls.	423,900
Clay for Pottery, Sewer-pipe, etc. ....	67,933 tons	74,163
		<u>\$1,803,978</u>
TOTALS.—SANDSTONE AND GRANITE.		
Granite.....	257,685 cu. ft.	\$256,239
Sandstone.....	212,123 cu. ft.	142,566
		<u>\$397,745</u>



